Oracle Database Administration Services

SOP\_Oracle\_Sprite refresh

Submitted to

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**By**



CIS, Wipro Limited

Document Details

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Version History

(All revisions made to this document must be listed in chronological order. All revisions must be approved. Review and Approval can be done by an internal source or by the customer)

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| Version | Date of Revision | Description | Author | Reviewed By | Approved By |
| 1.0 | 03/08/2017 | Oracle SPRITE Refresh | Balaji Ankalle | Jiten Pansara | Mahesh Keshatwar |
| 1.1 | 31/08/2017 | Document completed | Balaji Ankalle | Jiten Pansara | Mahesh Keshatwar |
| 1.2 | 31/01/2018 | Update with new format and logo | Abhishek Kansal | Balaji Ankalle | Yogesh Desai |
| 1.3 | 15/12/2018 | Updated the content | Sreya Puthukudy | Jiten Pansara | Santosh Badiger |

Document Distribution List

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| **Sl. No.** | **Name and Company** | **Purpose** |
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**Oracle SPRITE Refresh**

For SPRITE Refresh; the database refresh is being performed using the cold backup.

Database team will cleanup the QA database file system prior to the database refresh being initiated.

AIX team will do the database restore from TSM (cold backup – file system based backups) using the latest backup as advised by the application and project teams.

NOTE: Post successful restore; validate the timestamp for all the data files and ensure the timestamp is same.

Start the QA database in nomount stage. (Use existing parameter file for MOFFQ)

SQL> startup nomount

Check the control file names and location.

SQL> show parameter control

Backup and rename the restored control files

Take trace of Control file Source System (Production database)

SQL> alter database backup controlfile to trace resetlogs as '/tmp/SPRIP\_ctrl.sql';

Copy this control file to the target Server (rs827a) and rename /tmp/SPIRQ\_ctrl.sql

Update the SQL file as below :

1. At the top of the file change the "REUSE" to "SET", and change all occurrences of SOURCE\_SID to TARGET\_SID.

e.g. CREATE CONTROLFILE SET DATABASE "SPRIQ" RESETLOGS NOARCHIVELOG

2. Also; update the location for all the data/temp/redo files from /oracle/SPRIP/\* to /oracle/SPRIQ/\* in the file /tmp/SPIRQ\_ctrl.sql.

3. Use this SQL to recreate the control file and database gets mounted successfully.

Startup nomount;

@SPRIQ\_ctrl.sql;

4. Now check the status of all the datafiles ;

SQL> select distinct status from v$datafile;

Check if any files in recovery and check for any errors.

SQL> select \* from v$recover\_File;

**Note** : Files may show recovery required because of control file recreation but error column should be empty.

SQL> select \* from v$reovery\_log --> No Rows selected

Now open the database with resetlogs. Monitor the alert log for any errors and action accordingly.

SQL> ALTER DATABASE OPEN RESETLOGS;